

Date: Wed, 20 Oct 93 04:30:26 PDT  
From: Ham-Homebrew Mailing List and Newsgroup <ham-homebrew@ucsd.edu>  
Errors-To: Ham-Homebrew-Errors@UCSD.Edu  
Reply-To: Ham-Homebrew@UCSD.Edu  
Precedence: Bulk  
Subject: Ham-Homebrew Digest V93 #78  
To: Ham-Homebrew

Ham-Homebrew Digest                      Wed, 20 Oct 93                      Volume 93 : Issue    78

Today's Topics:

307-A Tube info  
INTERMOD (3 msgs)  
NE604 Chips Wanted  
QRP HF homebrew rigs

Send Replies or notes for publication to: <Ham-Homebrew@UCSD.Edu>  
Send subscription requests to: <Ham-Homebrew-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Homebrew Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-homebrew".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: Tue, 19 Oct 93 00:05:51 GMT  
From: mercury.hsi.com!a3bee2.radnet.com!cyphyn!randy@uunet.uu.net  
Subject: 307-A Tube info  
To: ham-homebrew@ucsd.edu

Ed Wright (Teach-A-Rooty) (edw@sequent.com) wrote:

:  
: From RCA transmitting Tube (to 4kw plate input) manual  
: Tech man TT-5 1962  
:  
: listings jump from 217C to 575A  
: both 1/2 wave rectifiers  
:  
: Rcv tube manual also draws a blank  
:  
: If you can cross it, I look it up  
: Ed

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Date: 19 Oct 93 22:07:34 GMT  
From: world!dts@uunet.uu.net  
Subject: INTERMOD  
To: ham-homebrew@ucsd.edu

DENIS ROBERT, VE2ILF (drobert@vax2.concordia.ca) wrote:

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: Hi everyone, This question should concern every soul that ever attempted
: to operate an H.T. in a mobile using a Mag Mount or other type of external
: 'gain' antenna in a large city: >>>> INTERMOD ! The solution seems quite
: simple ... I noticed that when I'm swamped with intermod, going back to the
: 'duffy' usually solves the problem at least partially. If one could attenuate
: the incoming signals from the external antenna on receive only and not affect
: anything during transmit, you would have the perfect combination for an H.T. in
: a car ... So what is really needed for so many of us is a "variable rf in-line
: attenuator" that would be rf-switched-out during transmit.
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: Any ideas out there?

See the November issue of CQ for a article written by Ed Juge W5T00. It's a product review for a 2 meter bandpass filtering system.

— —

Daniel Senie	Internet:	dts@world.std.com
Daniel Senie Consulting		n1jeb@world.std.com
508-365-5352	Compuserve:	74176,1347

Date: 19 Oct 93 14:44:44 GMT  
From: [sdd.hp.com](mailto:sdd.hp.com)![col.hp.com](mailto:col.hp.com)![jms@hplabs.hpl.hp.com](mailto:jms@hplabs.hpl.hp.com)  
Subject: INTERMOD  
To: [ham-homebrew@ucsd.edu](mailto:ham-homebrew@ucsd.edu)

Or buy a good radio in the first place.

Date: 20 Oct 93 04:20:42 GMT  
From: ogicse!emory!kd4nc!ke4zv!gary@network.ucsd.edu  
Subject: INTERMOD  
To: ham-homebrew@ucsd.edu

In article <CF3wtM.C5x@csn.org> dfeldman@teal.csn.org (Dave Feldman) writes:  
>

>Look for a "dead" inline VHF preamp for sale -- make sure it's RF switching  
>still works, but OK if the amp (transistor) itself is dead. Then open it up  
>and replace what was the amp with an appropriate attenuator.

Of course if you do this, you'll have attenuation on transmit and none  
on receive. That's not really what was wanted. A better solution is a  
tight bandpass filter in the line between the radio and the antenna.  
A cavity would be nice.

Gary

--

Gary Coffman KE4ZV	"If 10% is good enough	gatech!wa4mei!ke4zv!gary
Destructive Testing Systems	for Jesus, it's good	uunet!rsiatl!ke4zv!gary
534 Shannon Way	enough for Uncle Sam."	emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244	-Ray Stevens	

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Date: 16 Oct 93 15:44:10 EDT  
From: psinnntp!arrl.org@uunet.uu.net  
Subject: NE604 Chips Wanted  
To: ham-homebrew@ucsd.edu

Greetings!

I'm looking to buy a few (4-6) NE604AN or NE604N FM receiver  
subsystem chips. They're used in a synchronous detector article in  
a recent QST, but they seem to be hard to find.

Any helpers?

Thanks--Kirk, NT0Z

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Kirk Kleinschmidt, NT0Z                | Tel   203-666-1541 9-5 EST
QST Assistant Managing Editor           | Fax   203-665-7531 24 hrs
ARRL HQ, 225 Main St, Newington, CT 06111 | BBS   203-666-0578 24 hrs
e-mail: kirk@arrl.org                   | GEnie K.KLEINSCHMI
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Date: 18 Oct 1993 16:59:23 -0500  
From: elroy.jpl.nasa.gov!swrinde!cs.utexas.edu!TAMUTS.TAMU.EDU!news.utdallas.edu!  
corpgate!crchh327.bnr.ca!kharker@ames.arpa  
Subject: QRP HF homebrew rigs

To: ham-homebrew@ucsd.edu

I may be interested in building a QRP homebrew rig. I can barely afford to get an HT (my first radio) this year on my student budget, so I am looking for some way to get on HF without spending a lot of money. I figure I need to start using the code I learned before I forget it completely. The most I have built in electronics to date is a 2m j-pole and a 2m brass rod vertical. I've never used a PCB board, and my soldering ability is still less than spectacular. But, I'm willing to try, provided the expense is not too high...

I imagine there are tons of books on this subject. I guess what I am really interested in trying is a 40m QRP CW rig. Does anyone have any advice on what a good book or a nice kit would be? Kit-form might be the better way to go, since I will shortly be returning to college and the only electronics store in a two hour radius of the campus is a Radio Shack.

I already have a straight key in the form of the MFJ practice keyer (used to practice for the 5 WPM test) and I can probably figure out how to wire a cable to correctly connect to its posts. I will also need to build an antenna if I build this rig, and maybe a homebrew SWR meter as well. Power will definitely be 120VAC out of the wall. I will consider this whole project only if it can be done and I can get on the air for under \$100 or so (ideally under \$60, but that may be unrealistic - actually \$100 might be unrealistic, I really don't know.)

If anyone knows of a good kit, a good book, or has had personal experience with this sort of project, I would really appreciate some advice or info.

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=====
Kenneth E. Harker      Bell Northern Research      "Any opinions expressed
kharker@bnr.ca         Richardson, Texas, USA      are solely mine and do
N1PVB                  (214) 684-5115           not represent BNR"
=====
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Date: Mon, 18 Oct 93 20:02 EDT

From: (null)

\*\*\*\*\* UNDELIVERABLE MAIL sent to edw@sequent.com ), being returned by cyphyn!randy  
\*\*\*\*\*

mail: Error # 1 'Unknown system/user' encountered on system cyphyn

To: edw@sequent.com (Ed Wright (Teach-A-Rooty))

Subject: Re: 307-A Tube info

Newsgroups: rec.radio.amateur.homebrew

Organization: Evil Weather Machines LTD

Lets see if e-mail works (lots of fails here)

307-A is a pentode (1969 ARRL Handbook) , Filamentary type.

pin 1 fil  
2 g2  
3 g1  
4 g3  
5 fil  
top plate      Fig #61 base diag.

I wonder if it might be a Western Electric tube....for which theres little info.

Idea: repost your request in Misc. sence there were some people there who helped me get 211/311 311/A-B info descrambled, and 2 of em know W.E. tubes.

I'll keep an eye open for it, tho and will send what I find.

73's

--

Randy KA1UNW	If you get a shock while	
	servicing your equipment,	"Works for me!"
randy@192.153.4.200	DON'T JUMP!	-Peter Keyes
	You might break an expensive tube!	

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End of Ham-Homebrew Digest V93 #78

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